

Lithobates pipiens* (Northern Leopard Frog)*Priority 2 Species of Greatest Conservation Need (SGCN)****Class:** *Amphibia* (Amphibians)**Order:** *Anura* (Frogs And Toads)**Family:** *Ranidae* (True Frogs)**General comments:**

There are >100 occurrences statewide, but concerns remain about declines in southern Maine and range-wide. 6 of 6 reviewers recommend SC listing.

Species Conservation Range Maps for Northern Leopard Frog:Town Map: [Lithobates pipiens Towns.pdf](#)Subwatershed Map: [Lithobates pipiens HUC12.pdf](#)**SGCN Priority Ranking - Designation Criteria:****Risk of Extirpation: NA****State Special Concern or NMFS Species of Concern:***Lithobates pipiens* is listed as a species of Special Concern in Maine.**Recent Significant Declines: NA****Regional Endemic: NA****High Regional Conservation Priority:****Northeast Endangered Species and Wildlife Diversity Technical Committee:**

Risk: Yes, Data: Yes, Area: No, Spec: Yes, Warrant Listing: No, Total Categories with "Yes": 3

Northeast Partners In Amphibian and Reptile Conservation (NEPARC):

Regional Responsibility:< 50 % US Distribution, Concern: >= 50 % of States Listed in WAP

High Climate Change Vulnerability: NA**Understudied rare taxa: NA****Historical: NA****Culturally Significant: NA****Habitats Assigned to Northern Leopard Frog:****Formation Name Agricultural****Macrogroup Name Agricultural****Habitat System Name:** Pasture-Hay**Formation Name Boreal Wetland Forest****Macrogroup Name Boreal Forested Peatland****Habitat System Name:** Boreal-Laurentian Conifer Acidic Swamp**Formation Name Freshwater Aquatic****Macrogroup Name Lakes and Ponds****Habitat System Name:** Dystrophic **Notes:** bog ponds**Habitat System Name:** Eutrophic **Notes:** vegetated coves and shorelines**Habitat System Name:** Mesotrophic or Intermediate **Notes:** vegetated coves and shorelines**Habitat System Name:** Vernal Pool**Macrogroup Name Rivers and Streams****Habitat System Name:** Large River **Notes:** slow vegetated sections**Habitat System Name:** Medium River **Notes:** slow vegetated sections**Habitat System Name:** Small River **Notes:** slow vegetated sections

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Class: *Amphibia* (Amphibians)Order: *Anura* (Frogs And Toads)Family: *Ranidae* (True Frogs)

Formation Name Freshwater Marsh

Macrogroup Name Emergent Marsh

Habitat System Name: Laurentian-Acadian Freshwater Marsh ****Primary Habitat****

Macrogroup Name Modified-Managed Marsh

Habitat System Name: Modified-Managed Marsh

Macrogroup Name Wet Meadow-Shrub Marsh

Habitat System Name: Laurentian-Acadian Wet Meadow-Shrub Swamp ****Primary Habitat****

Formation Name Grassland & Shrubland

Macrogroup Name Ruderal Shrubland & Grassland

Habitat System Name: Introduced Shrubland

Habitat System Name: Powerline Right-of-Way

Habitat System Name: Ruderal Upland - Old Field

Formation Name Northeastern Wetland Forest

Macrogroup Name Northeastern Floodplain Forest

Habitat System Name: Laurentian-Acadian Floodplain Systems

Formation Name Peatland

Macrogroup Name Northern Peatland & Fens

Habitat System Name: Northern Peatland Macrogroup - Unknown Habitat System

Stressors Assigned to Northern Leopard Frog:

Stressor Priority Level based on Severity and Actionability		Moderate Severity	High Severity
	Highly Actionable	Medium-High	High
	Moderately Actionable	Medium	Medium-High
	Actionable with Difficulty	Low	Low

IUCN Level 1 Threat Pollution

IUCN Level 2 Threat: Agricultural and Forestry Effluents
Severity: Moderate Severity**Actionability:** Moderately actionable**Notes:** Aquatic larvae are sensitive to pesticides and excessive nutrients
IUCN Level 2 Threat: Domestic and Urban Waste Water
Severity: Moderate Severity**Actionability:** Moderately actionable**Notes:** Aquatic larvae are sensitive to toxins, excessive nutrients, and pharmaceutical pollution

IUCN Level 1 Threat Residential and Commercial Development

IUCN Level 2 Threat: Housing and Urban Areas
Severity: Moderate Severity**Actionability:** Moderately actionable**Notes:** Wetland habitat loss and degradation of riparian habitat quality and function

IUCN Level 1 Threat Transportation and Service Corridors

IUCN Level 2 Threat: Roads and Railroads
Severity: Moderate Severity**Actionability:** Moderately actionable**Notes:** Roadkill at high value wetland causeways

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IUCN Level 1 Threat **Agriculture and Aquaculture**

IUCN Level 2 Threat: Annual and Perennial Non-timber crops

Severity: Moderate Severity

Actionability: Actionable with difficulty

Notes: Wetland habitat loss and degradation of riparian habitat quality and function

IUCN Level 1 Threat **Invasive and Other Problematic Species, Genes and Diseases**

IUCN Level 2 Threat: Problematic Species-Diseases of Unknown Origin

Severity: Moderate Severity

Actionability: Actionable with difficulty

Notes: Chytrid fungus documented in a high proportion of Maine specimens; implicated as a contributing factor in the global decline of amphibian populations of multiple taxa

IUCN Level 2 Threat: Viral-Prion-induced Diseases

Severity: Moderate Severity

Actionability: Actionable with difficulty

Notes: Rana virus; implicated as a contributing factor in the global decline of amphibian populations of multiple taxa

Species Level Conservation Actions Assigned to Northern Leopard Frog:

None. *Only species specific conservation actions that address high (red) or medium-high (orange) priority stressors are summarized here.*

Guild Level Conservation Actions:

This Species is currently not attributed to a guild.

Broad Taxonomic Group Conservation Actions:

Relevant conservation actions for this species are assigned within broader taxonomic groups in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-1.

Habitat Based Conservation Actions:

Additional conservation actions that may benefit habitat(s) associated with this species can be found in Maine's 2015 Wildlife Action Plan: Element 4, Table 4-15. Click on the Habitat Grouping of interest to launch a habitat based report summarizing relevant conservation actions and associated SGCM.

The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.